

AD-Cat® is a broad-spectrum biocatalytic formulation that improves the overall performance of Anaerobic Digestion (AD) systems.

AD-Cat® works by solubilizing the waste components, thereby decreasing viscosity and allowing the waste stream to be better utilized by the microorganisms within AD systems.

AD-Cat® will help prevent insoluble waste components from forming floating layers, or internal blockages, within the AD system.

AD-Cat® allows more consistent bio-methane yields to be produced and optimizes waste stream loadings into the AD system.

AD-Cat® offers the following benefits to operators:

- Improves AD loading of insoluble waste components.
- Solves formation of blockages with AD systems.
- Improves economic performance of AD systems.
- Supports more complete digestion conversion rates.
- Offers higher quality bio-methane yields.

AD-Cat® is an essential tool for managing optimal AD system operations.

**AUTHORIZED DISTRIBUTOR**



**SEAL OF SAFETY™**

The Bio-Organic Seal of Safety™ is our trademark declaration of our commitment to offering green biocatalytic solutions that shift the treatment of our water resources to a more sustainable ecological model.



**BIO-ORGANIC CATALYST**  
THE POWER IN NATURE®

**AD-CAT®**

**Bio-Catalytic Treatment  
For Anaerobic Digestion**



#### **DIRECTIONS FOR USE**

AD-Cat® can be injected into water lines, aeration devices, and sludge lines. Dosage rates will vary depending on numerous factors, including organic loading levels and specific operator objectives.

#### **Aerobic Wastewater Treatment:**

1 ppm AD-Cat® per 100 BOD in organic loading is the basic metric used. In deployment, dissolved oxygen (DO) readings will guide dosing rate. Operator will adjust dosage rate to desired DO level.

**Anaerobic Digestion:** The basic dosage metric is: 250 ml to 1,000 ml per dry ton of volatile solids (VS).

*Consult with a technical specialist to optimize installation and performance of AD-Cat®.*

#### **PRODUCT SPECIFICATIONS**

AD-Cat® is non-toxic, non-caustic, and safe to handle.

**Recommended Shelf Life:** 2 years.

**Storage Temperatures:** Minimum 2°C, Maximum 50°C.

#### **CONTENTS**

Water, highly purified yeast extracts, non-ionic surfactants.

#### **CAUTION**

Keep out of the reach of children. If product from this container splashes in eyes, rinse well with water.

#### **SAFETY DATA SHEET**

An AD-Cat® Safety Data Sheet is available through the BOC website at [www.bio-organic.com](http://www.bio-organic.com). Please read the Safety Data Sheet carefully and follow all directions when using or handling this product.

#### **AD-CAT®**

MANUFACTURED IN THE USA UNDER DOMESTIC AND INTERNATIONAL PATENTS

**Bio-Organic Catalyst, Inc.**

A wholly owned subsidiary of Neozyme International, Inc.

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Net Content:

■ 2.5 Gallons/9.5 Liters ■ 55 Gallons/208 Liters ■ 275 Gallons/1041 Liters